In-Ceiling Electric Motorized Front Projection Screen

Evanesce Tension Series

User's Guide

Rev.122411-AS

www.elitescreens.com info@elitescreens.com

Important Safety & Warning Precautions

Make sure to read this user's guide and follow the procedure below.

Caution: The screen's Black Top Drop is already set to its maximum drop distance. There is NO extra Black Top Drop in the roller. Please be aware of this as it will void your warranty with Elite Screens. Unapproved changes or modifications (except for cutting the power cord for hardwire installations) to this unit are prohibited and will void your warranty. For more information, please contact our Technical Support Department at (877) 511-1211 Ext. 604.

- Please retain this user's guide for future reference.
- To avoid damaging the unit, do not use with any unauthorized accessories not recommended by the manufacturer.
- Handle the unit carefully during transportation to avoid any damages.
- To ensure safe and reliable operation, direct connection to a properly grounded power source is advised.
- The power outlet supplying power to the unit should be close to the unit and easily accessible.
- Do not install the unit on uneven or inclined surfaces.
- Do not place any heavy objects over the power cord.
- Position the power cord properly to avoid creating a trip obstacle.
- To avoid an electrical shock or fire, due to a loose contact or short circuit, do not overload the power cord.
- The internal & external parts of this unit are not end user serviceable. Do not attempt to disassemble this unit by yourself. No one except authorized technicians can open and make repairs to this unit.
- Make sure the power source that this unit is connected to has a continuous power flow.
- If there is need to use an extension cord, make sure the cord has an equal rating as the appliance to avoid over heat.
- Do not handle the power plug when your hands are wet or your feet are in contact with water.

Do not use this unit under the following circumstances.

- Disconnect the power cord under the conditions of heavy rain, wind thunder or lightning.
- Avoid direct sun light, rain shower and moisture.
- Keep away from fire sources and high temperature to prevent this device from overheating.
- Cut off the power supply first before transportation or maintenance.
- To avoid possible injury and/or an electric shock, do not attempt to use this screen if there is obvious damage or if there are any evident broken parts.
-

Installation Warning

Due to various installation environments, the instructions provided in this user's guide are for reference only. Please consult a professional installation company for further installation and safety advice. The installer must insure that proper mounting hardware is used to provide adequate strength suitable for the installation. Elite Screens is not liable for any faulty installations. For limit adjustment instructions, please contact our Technical Support Department at (877) 511-1211 Ext. 604

The Screen's **Top Black Drop** is already set to its maximum drop distance. There is **NO** extra top black drop in the roller. Please be aware of this as it will void the limitation of your warranty.

Individual modifications to this product are prohibited and will void the warranty with the manufacturer. Please contact Elite Screens Customer Service for any questions.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that the interference will not occur on a particular installation. If this equipment causes harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- ✓ **Reorient or relocate the receiving antenna of the device which may be casing the interference.**
- ✓ **Increase the separation between the screen and the device's receiver.**
- ✓ **Connect the equipment into a different power outlet other than the device.**

Pre-Installation

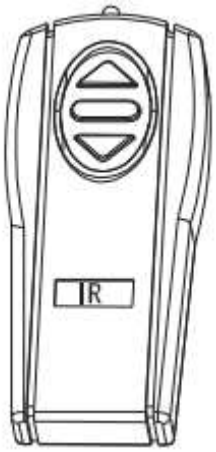
1. Carefully unpack the screen.
2. Always handle the screen in a leveled position on a clean surface.
3. In order to protect the screen from exposure to stains, keep the screen out of contact with foreign particles such as dust, sawdust, and/or liquids.

NOTE

Regardless of the mounting method, the screen should be securely supported so that the vibration or pulling on the viewing surface will not cause the casing to become loose or fall. The installer must insure that the fasteners used are of adequate strength and suitable for the installation location.

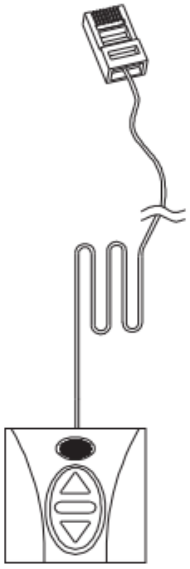
Accessories for Evanesce Tension Series

Please make sure all accessories listed below are included before proceeding.



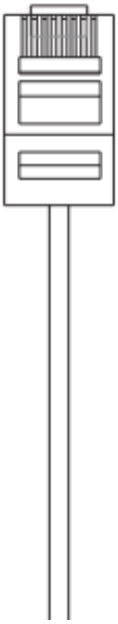
A.
IR Remote

B.
RF Remote

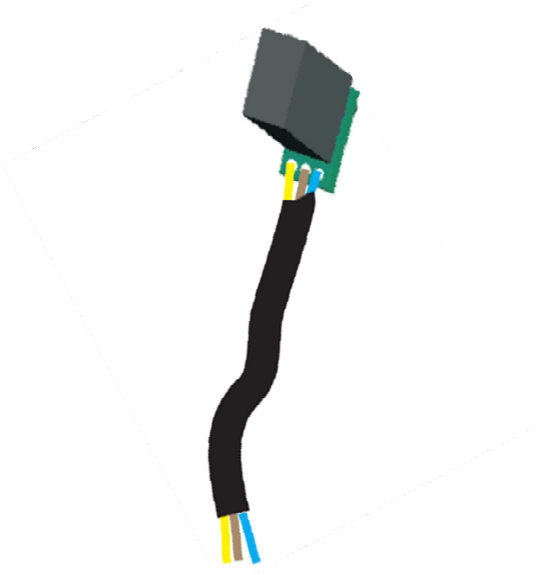


C.
3 Way Wall Switch

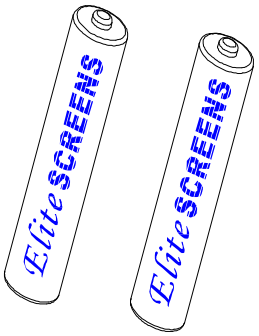
D.
IR Eye Receiver



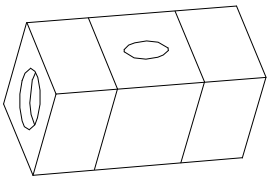
E.
12V Trigger



F.
In-Wall RJ-45 Module



G.
AAA Batteries

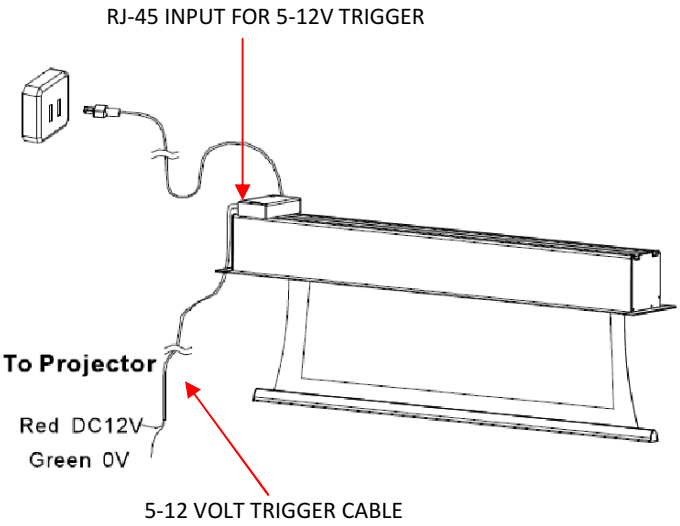


H.
Bubble Level

Rev.122411-AS
www.elitescreens.com info@elitescreens.com

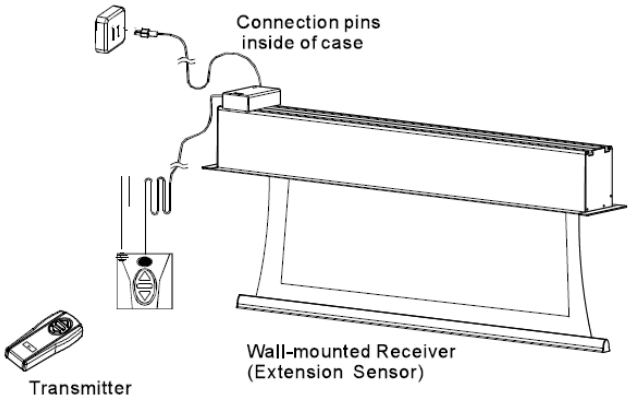
Control System for Evanesce Tension Series

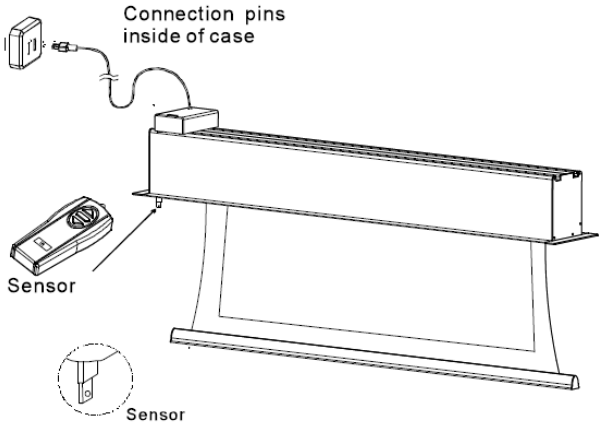
1. 5-12V Trigger: The built-in 5-12V trigger input allows your screen to synchronize its drop & rise with the projector's power cycle. The screen deploys when the projector powers up and will retract when the projector powers down. The 5-12 volt adaptor connects to your projector's trigger output via a separate cable that may or may not be provided by the manufacturer of the projector. The trigger feature will not work without an output cable from the projector, but it can be tested by connecting the Red (+) and Green (-) cable to a 9-volt battery.



2. 3-Way Wall Switch: The 3-way wall switch is a wall mount control box with an up/stop/down button and plugs directly into the screen's RJ-45 input.

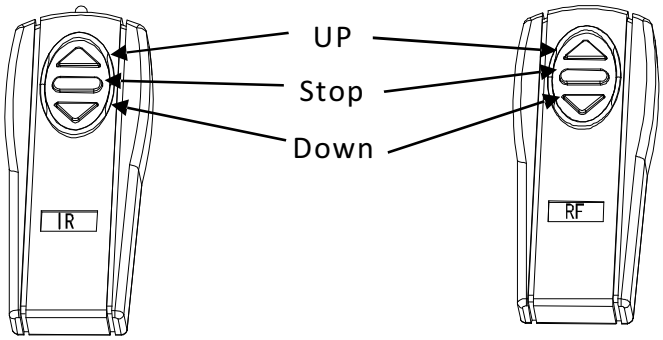
3. IR "Eye" Receiver: plugs directly into the screen's RJ-45 input to present a low profile line-of-sight control option for your IR remote control even in a recessed ceiling installation.



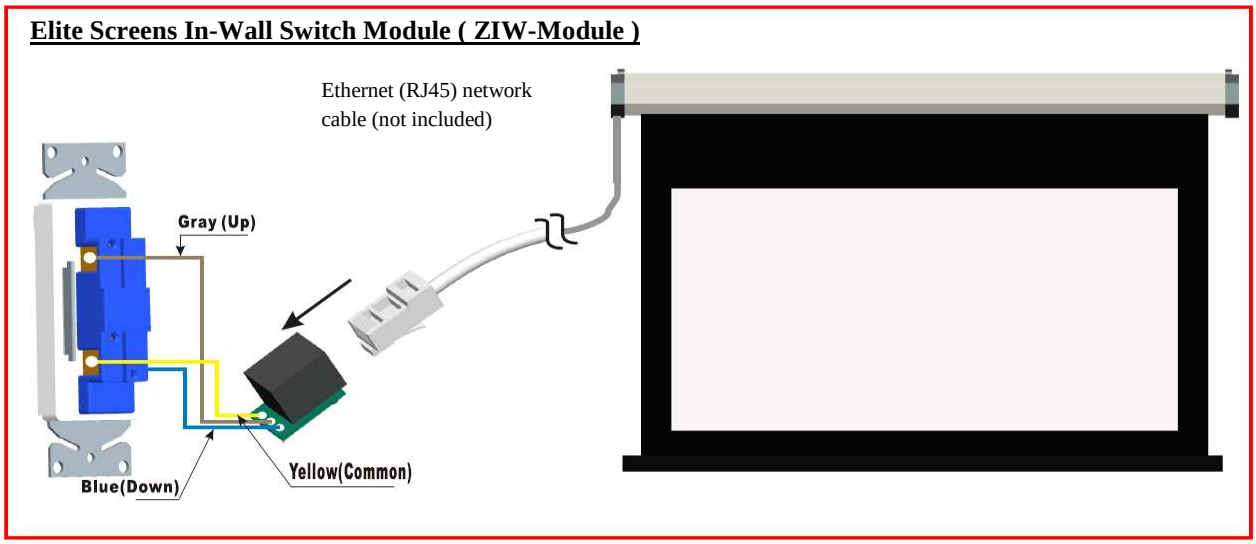


4. IR Remote Control: The Infrared functions by direct line of sight contact with a beam range of 30 feet.

5. RF Remote Control: The radio waves eliminate the need for a direct line of sight with a range of 150 feet.



6. In-Wall RJ-45 Module: The RJ-45 Module connects to a local wall switch for UP/Down control of your screen. Please follow the picture diagram below for instructions on how to connect the accessory.



Local Wall Switch In-Wall UP/DOWN Switch Module (ZIW-Module) Elite Electric Motorized Screen

Steps to attach Elite Screens Motorized Screen to your local wall switch

1. Attach Elite Screens *ZIW-Module* (in-wall switch module) to your local wall switch as shown in diagram above.

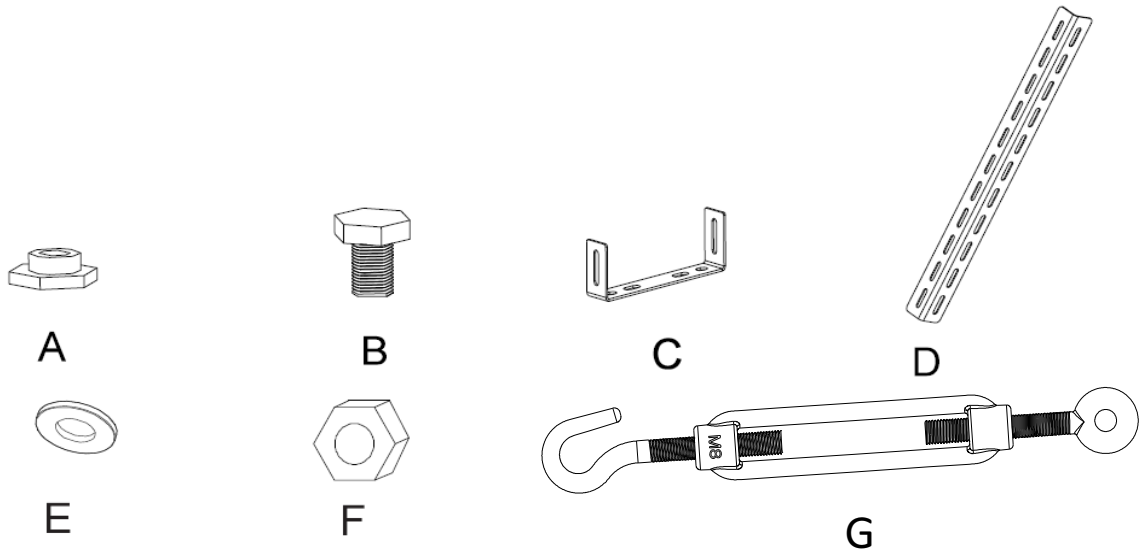
2. Attach an RJ-45 Ethernet cable (not included) to the ZIW-Module and the other end to the RJ-45 input on your Elite electric screen.

3. After testing the connection, place the in-wall switch module in or on the wall and wire the Ethernet cable to complete the set up.

NOTE: Please be aware that Ethernet cables have length limitations so please make test before concealing the cable into the wall.

Hardware Parts List for Evanesce Series

Please make sure all parts listed below are included before proceeding with the installation.



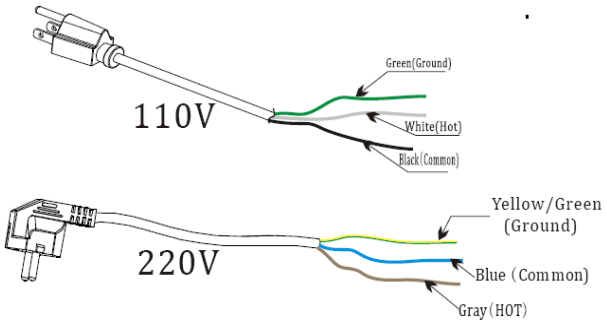
Hardware Parts List	QTY
A. Case Rail Nut	4-6
B. Hex Screw	4-6
C. Hanging Bracket	2-3
D. Suspension Bar	4
E. Washer	8-10
F. Hex Nut	4-6
G. Suspension Bar J- Hook	4

Installation Instructions

Please consult a professional installer. Elite Screens is not liable for faulty installations.

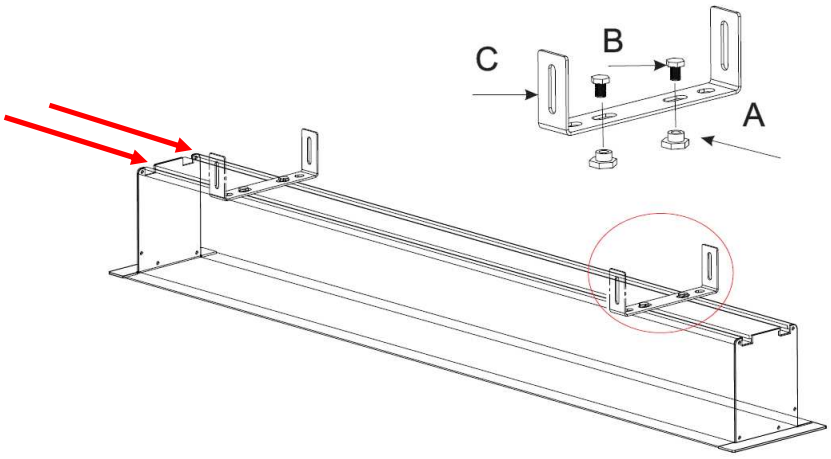
Power

1. The Evanesce Series includes a 3-Prong Power Cord for use in a non-concealed power outlet. If your installation will be entirely concealed (including power outlet), Elite Screens strongly recommends a hardwire connection. Please refer to the image below for both 110v & 220v wiring information.

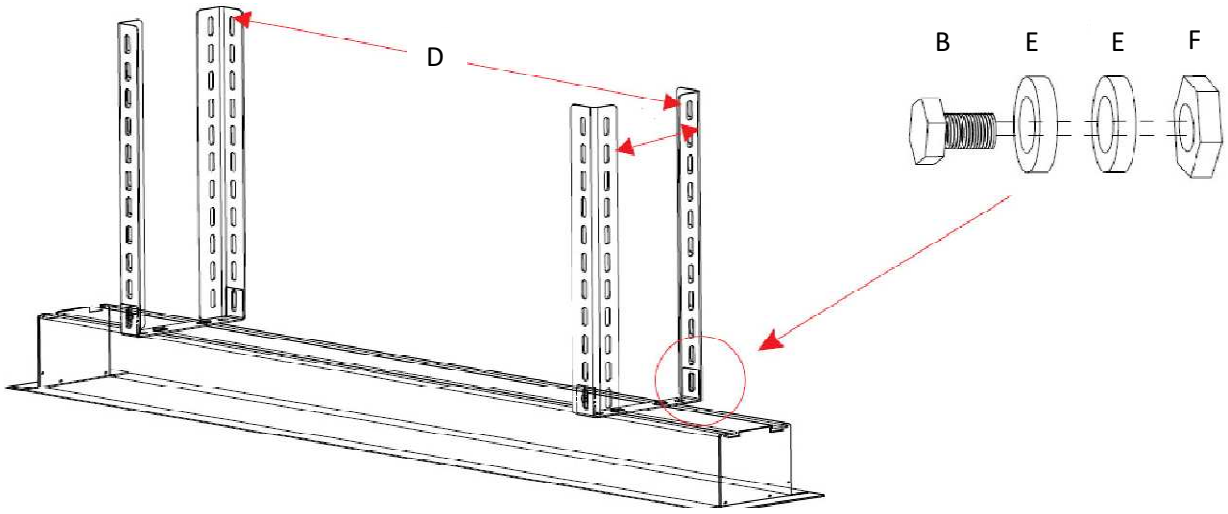


Assembly

2. Insert the Hex Screw (B) through the Hanging Bracket's (C) screw hole and secure with the Case Rail Nut (A). Slide the Hanging Bracket (C) through the railing on top of the case.

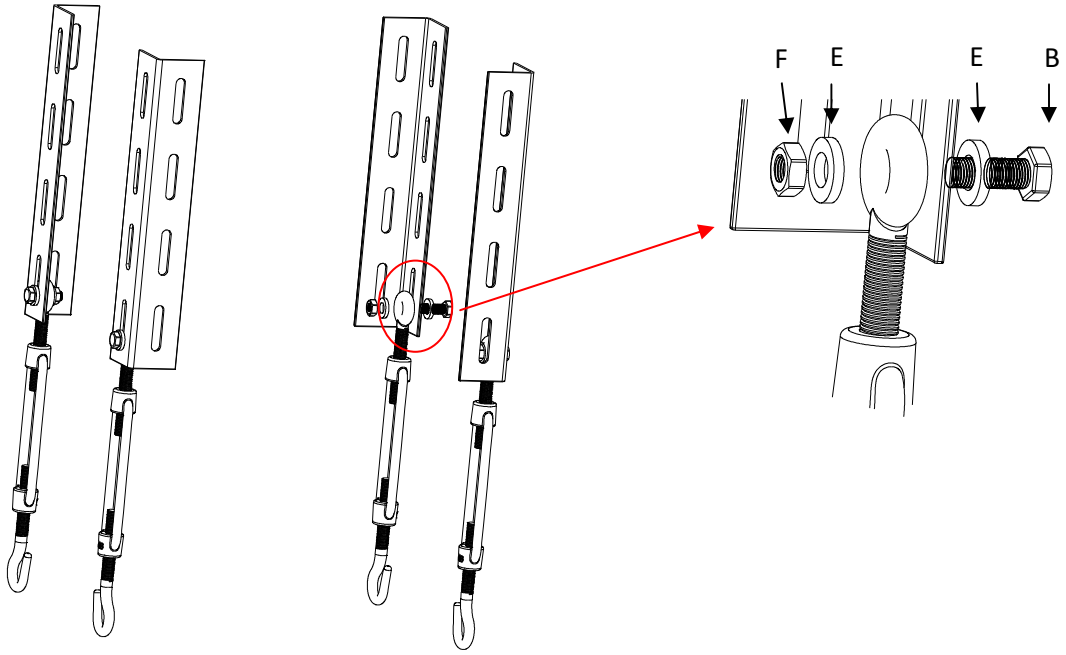


3. Place the Suspension Bar (D) on the Hanging Bracket (C) and align with the hole as shown below. Secure the Suspension Bar (D) with the Hex Screw (B), Washer (E) and the Hex Nut (F). Install the Suspension Bars (D) to your ceiling according to their distance.

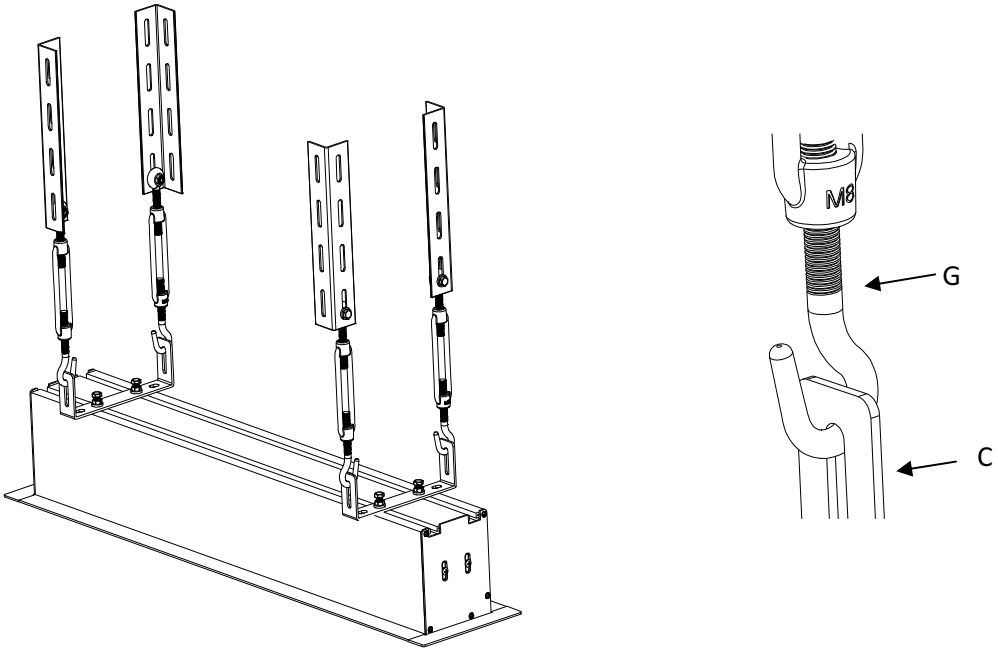


Optional Suspension Bar J-Hook (G)

1. Attach the Suspension Bar J- Hook (G) to the bottom of the Suspension Bar (D) and secure with the Hex Screw (B), Washer (E) and Hex Nut (F).



2. Attach the Suspension Bar J-Hook (G) to the Hanging Bracket (C) as shown in figure below. Install the Suspension Bars (D) to your ceiling according to their distance.



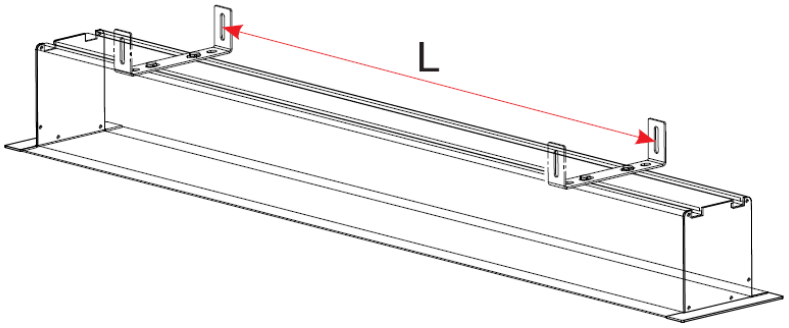
Optional Installation (parts & hardware not included)

Screw bolt X 4

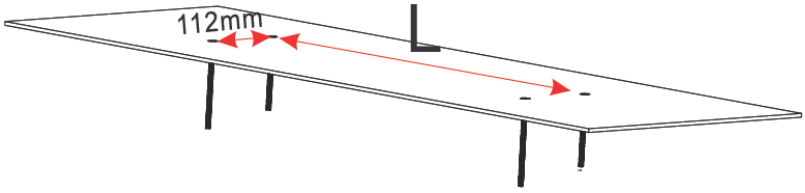
Washer X 8

Nut X 8

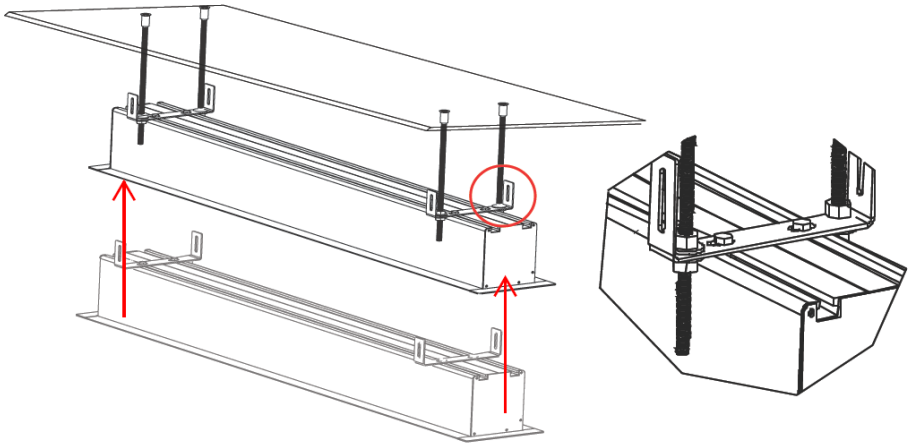
1. Place the Hanging Bracket (C) in the desired location on the screen's housing and measure the distance as shown below. (L = Distance)



2. Mark the location of where the screen will be installed according to the distance (L) and then secure the bolt to the ceiling.



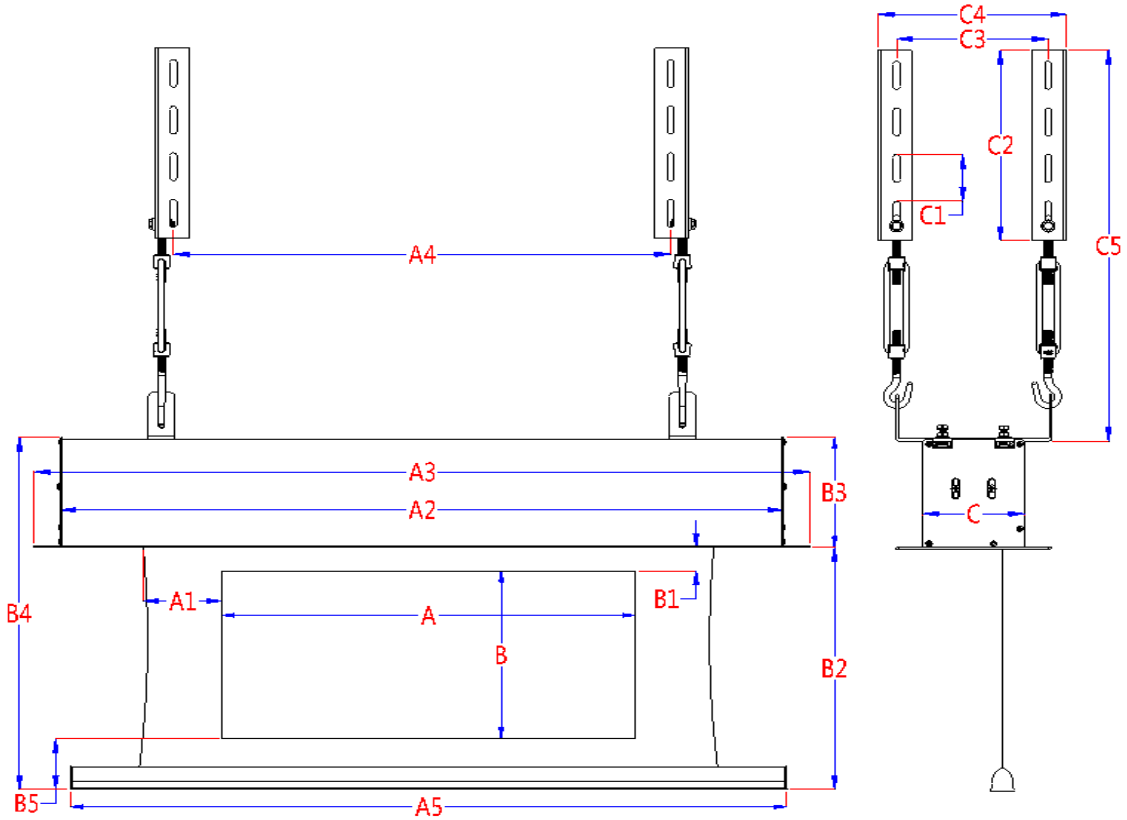
3. Install the screen to the screw bolt as shown in the figure below.



Evanesce Tension Series Dimension Table

Unit:mm																			
Models	Screen Diag. & Aspec Ratio	A	A1	A2	A3	A4	A5	B	B1	B2	B3	B4	B5	C	C1	C2	C3	C4	C5
ITE84VW2-E30	84"(4:3)	1706	95	2022	2082	1622	2017	1280	762	2142	118	2260	100	98	50	925	145	180	1145-1205
ITE100VW2-E20	100"(4:3)	2032	95	2347	2407	1947	2342	1524	508	2132	118	2250	100	98	50	925	145	180	1145-1205
ITE120VW2-E10	120"(4:3)	2438	95	2770	2830	2370	2765	1828	254	2182	118	2300	100	98	50	925	145	180	1145-1205
ITE84HW2-E30	84"(16:9)	1860	95	2175	2235	1775	2170	1046	762	1908	118	2026	100	98	50	925	145	180	1145-1205
ITE100HW2-E24	100"(16:9)	2214	95	2530	2590	2130	2525	1245	610	1955	118	2073	100	98	50	925	145	180	1145-1205
ITE106HW2-E24	106"(16:9)	2347	95	2660	2720	2260	2655	1320	610	2030	118	2148	100	98	50	925	145	180	1145-1205
ITE120HW2-E20	120"(16:9)	2657	95	2972	3032	2572	2967	1494	508	2102	118	2220	100	98	50	925	145	180	1145-1205
ITE135HW2-E12	135"(16:9)	2989	95	3310	3370	2910	3305	1681	305	2086	118	2204	100	98	50	925	145	180	1145-1205
ITE94XW2-E30	94"(16:10)	2025	95	2347	2407	1947	2342	1265	762	2127	118	2245	100	98	50	925	145	180	1145-1205
ITE108XW2-E24	108"(16:10)	2326	95	2660	2720	2260	2655	1454	610	2164	118	2282	100	98	50	925	145	180	1145-1205
ITE114XW2-E20	114"(16:10)	2455	95	2770	2830	2370	2765	1534	508	2142	118	2260	100	98	50	925	145	180	1145-1205
ITE126XW2-E14	126"(16:10)	2714	95	3030	3090	2630	3025	1696	356	2152	118	2270	100	98	50	925	145	180	1145-1205
ITE139XW2-E8	139"(16:10)	2994	95	3310	3370	2910	3305	1871	203	2174	118	2292	100	98	50	925	145	180	1145-1205
Unit:inch																			
Models	Screen Diag. & Aspec Ratio	A	A1	A2	A3	A4	A5	B	B1	B2	B3	B4	B5	C	C1	C2	C3	C4	C5
ITE84VW2-E30	84"(4:3)	67.2	3.7	79.6	82	63.9	79.4	50.4	30	84.3	4.6	89	3.9	3.9	2	36.4	5.7	7.1	45.1-47.4
ITE100VW2-E20	100"(4:3)	80	3.7	92.4	94.8	76.7	92.2	60	20	83.9	4.6	88.6	3.9	3.9	2	36.4	5.7	7.1	45.1-47.4
ITE120VW2-E10	120"(4:3)	96	3.7	109.1	111.4	93.3	108.9	72	10	85.9	4.6	90.6	3.9	3.9	2	36.4	5.7	7.1	45.1-47.4
ITE84HW2-E30	84"(16:9)	73.2	3.7	85.6	88	69.9	85.4	41.2	30	75.1	4.6	79.8	3.9	3.9	2	36.4	5.7	7.1	45.1-47.4
ITE100HW2-E24	100"(16:9)	87.2	3.7	99.6	102	83.9	99.4	49	24	77	4.6	81.6	3.9	3.9	2	36.4	5.7	7.1	45.1-47.4
ITE106HW2-E24	106"(16:9)	92.4	3.7	104.7	107.1	89	104.5	52	24	79.9	4.6	84.6	3.9	3.9	2	36.4	5.7	7.1	45.1-47.4
ITE120HW2-E20	120"(16:9)	104.6	3.7	117	119.4	101.3	116.8	58.8	20	82.8	4.6	87.4	3.9	3.9	2	36.4	5.7	7.1	45.1-47.4
ITE135HW2-E12	135"(16:9)	117.7	3.7	130.3	132.7	114.6	130.1	66.2	12	82.1	4.6	86.8	3.9	3.9	2	36.4	5.7	7.1	45.1-47.4
ITE94XW2-E30	94"(16:10)	79.7	3.7	92.4	94.8	76.7	92.2	49.8	30	83.7	4.6	88.4	3.9	3.9	2	36.4	5.7	7.1	45.1-47.4
ITE108XW2-E24	108"(16:10)	91.6	3.7	104.7	107.1	89	104.5	57.2	24	85.2	4.6	89.8	3.9	3.9	2	36.4	5.7	7.1	45.1-47.4
ITE114XW2-E20	114"(16:10)	96.7	3.7	109.1	111.4	93.3	108.9	60.4	20	84.3	4.6	89	3.9	3.9	2	36.4	5.7	7.1	45.1-47.4
ITE126XW2-E14	126"(16:10)	106.9	3.7	119.3	121.7	103.5	119.1	66.8	14	84.7	4.6	89.4	3.9	3.9	2	36.4	5.7	7.1	45.1-47.4
ITE139XW2-E8	139"(16:10)	117.9	3.7	130.3	132.7	114.6	130.1	73.7	8	85.6	4.6	90.2	3.9	3.9	2	36.4	5.7	7.1	45.1-47.4

*Measurement dimensions are for reference only and subject to change without notice. Note: Data Error may be ±1"



Warranty Policy

- **Two (2) Year** parts and labor warranty from defects in workmanship from purchase date as follows (except for refurbished units as specified below).
- **Three (3) Year** parts and labor warranty from defects in workmanship for **GEMR** (Government, Educational, Military, & Religious) purchases of new product only.
- **Refurbished Units** carry a **90-DAY** parts and labor warranty.
- Each party will be responsible for one way shipping during the warranty period.
- A **RMA (Return Merchandise Authorization) number** must be issued in order to process a replacement or to authorize a return for warranty repair. Elite Screens will, at its sole option replace or repair the defective unit with a replacement *(see exceptions below) after the defective unit or parts have been received. Once the product is received, Elite Screens will send out a replacement *unit to the customer by ground service (subject to inventory availability).
- **Do Not Return Any Unauthorized Items to Elite Screens, as they will be refused and returned at your expense. The RMA Number must be included on the outside label of your shipping box. Our warehouse is not authorized to accept returns without an RMA number on the shipping label.**
- **RMA Numbers are valid for 45 days from the date issued.**
- **Missing Parts** must be reported within 7 days of receipt. If reported after 7 days, the customer will be responsible for shipping and handling fees. If reported after 30 days of receipt, the customer will be responsible for cost of parts and shipping & handling fees.

*****A New or refurbished replacement will be send out to the customer depending on the type of purchase (new or refurbished) and based on stock availability.

North America only U.S. and Canada

For Warranty and Service requests, please submit an RMA/Service Form at:
www.elitescreens.com/warrantysupportform

Please visit this link for full Warranty information:
www.elitescreens.com/warranty

For Customer Service and Technical questions, please contact Elite Screens at:
Telephone: (877) 511-1211 service@elitescreens.com
Fax: (562) 926-8433 techsupport@elitescreens.com

REMEMBER TO REGISTER YOUR PRODUCT AT:

WWW.ELITESCREENS.COM

Contact Information

US & Canada Tech Support & Warranty Claim
Please contact us at service@elitescreens.com or call +1 877-511-1211 #3 or fax +1-562-926-8433
Europe Tech Support & Warranty Claim
Please contact us at service@elitescreens.eu or call +49-(0) 40-30392958
Asia Tech Support & Warranty Claim
Please contact us at service@elitescreens.com.cn or call +86-(0) 755-8461-7989
Taiwan Tech Support & Warranty Claim
Please contact us at service@elitescreens.com.tw or call +866+2+8990-1999

America:
Elite Screens Inc
16410 Manning Way
Cerritos, CA 90703 USA
Tel: +1-877-511-1211
Fax: +1-562-926-8433
info@elitescreens.com
www.elitescreens.com

Europe:
Elite Screens Europe
Lübecker Straße 1
22087 Hamburg, Germany
Tel: +49-4030392494
Fax: +49-40-49219200
info@elitescreens.eu
www.elitescreens.eu

Asia:
Elite Screens China Corp.
Longxi Duimianling Industry Zone
Longcheng Longgang District,
ShenZhen GuangDong, China
Tel: +86-(0)755-8461-7989
Fax: +86-(0)755-8461-7669
info@elitescreens.com.cn
www.elitescreens.com.cn

Elite Screens France S.A.S
11, Allée William Penn
92150 Surenes, France
Tel: +33-1-45064735
Fax: +33-1-45064735
info.fr@elitescreens.com
www.elitescreens.com/fr

Taiwan:
Elite Screens Taiwan Corp.
4F., No. 42-1 Wuguan Rd. Wugu Township Taipei
County 248, Taiwan (Wugu Industrial Park)
Taiwan (R.O.C)
Tel: +886+2+8990-1999
Fax: +886+2+8990+1366
info@elitescreens.com.tw
www.elitscreens.com.tw

Japan:
Elite Screens Japan Corp.
467-2-606 Tsuruma, Machida-shi,
Tokyo, 194-0004 Japan
Tel: 0120-07-0008
Fax: +81(0)42-706-9130
info@elitescreens.jp
www.elitescreens.jp

Latin America Contact:
Info.la@elitescreens.com
East Asia Contact:
Info.ea@elitescreens.com
India Contact:
Info.india@elitescreens.com